Miele

PROFESSIONAL

Operating Instructions

Washer-Extractor
WS 5073 SLUICE

It is **essential** to read these operating instructions before installing or using the machine, to avoid the risk of accident or damage to the machine.

GB

M.-Nr. 05 068 971 /03

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The washer-extractor must be installed by an approved service technician or an authorized Service Dealer.

Please read the operating instructions before using this machine for the first time. They contain important information about the safety, use and maintenance of the machine. This will avoid the risk of accidents and damage to the machine.

Appropriate use of the machine

This washer extractor is only intended for items of laundry which have not been impregnated with dangerous or inflammable substances.

Only machine wash articles which possess a care label stating they are suitable for machine washing.

On no account must solvents of the kind used for dry cleaning be used in this machine. There may be the danger of fire or explosion.

Never use or store petrol or petroleum based substances or any easily inflammable substances near the machine. Do not use the machine lid as a resting place.
Danger of fire or explosion

Technical and electrical safety

The electrical safety of this appliance can only be guaranteed when continuity is complete between the appliance and an effective earthing system which complies with local and national regulations.
It is most important that this basic safety requirement is regularly tested by a qualified electrician. The manufacturer cannot be held responsible for the consequences of an inadequate earthing system.

Do not damage, remove or bypass the safety features and controls on the machine.

Where there is any damage to the machine or to the cable insulation the machine must not be used until it has been repaired.

Any removable outer panels must be in place, and all moving or electrical parts shielded before the machine is operated.

The machine is only completely isolated from the electricity supply either when switched off at the wall isolator, or the mains fuse is withdrawn from the socket.

Repairs to machines operating with electricity, gas or steam should only be undertaken by a suitably qualified service engineer to ensure safety. Unauthorized repairs could be dangerous.

Faulty components should only be exchanged for Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

The very best materials are used in the manufacture of this machine, and every care is taken in its manufacture. However, with time, deterioration of parts can occur, especially with rubber components such as hoses. This should be borne in mind if operating the machine without supervision. Check the inlet hoses regularly for signs of deterioration and replace in good time, to avoid leaks and subsequent damage.

Local regulations regarding regular inspection and maintenance of this machine must be observed. (In Germany this machine is subject to laundry regulations UVV (VBG7y), Sections 36 and 37, which stipulate that washer extractors with a kinetic energy of more than 1500 Nm must be checked once a year by a competent person for their operational safety and the results entered in a test log (book) supplied with the machine for the German market, and which must be kept at the place of operation and be available for inspection.)

Use of the machine

Never allow children to play in, on or near the washer extractor, or to operate it themselves. Please supervise its use by the elderly or infirm.

Remember that the door porthole glass can become hot during the operation of the machine. Do not let children touch it.

When washing with high temperatures steam can be emitted from the venting slot behind the machine.

Do not grip between the suspended drum unit and the seal of the front panel cut-out during spin.

Always make sure the drum is stationary before reaching in to remove washing. Reaching into a moving drum is extremely dangerous.

Water used for washing and rinsing must not be used as drinking water. It must be discharged into a proper sewerage system.

The machine should only be operated unsupervised when there is a floor drain (gully) in the direct vicinity of the machine.

Chlorine or agents containing chlorine are corrosive, and can under certain conditions lead to irreperable damage to components.

Disinfecting and cleaning agents often have compounds containing chlorides in them. If these agents dry on to stainless steel surfaces, the residual chlorides will attack the steel and can cause rusting.
To protect your machine from rust damage, we recommend only using chloride free disinfecting and cleaning agents for washing and disinfecting programmes and for cleaning stainless steel surfaces of the machine itself.
If you are not sure about a particular agent, contact the manufacturer of that agent for advice.
If you accidentally spill an agent containing chlorides on the machine it should be rinsed off with water and dried using a soft cloth.

Proprietary dyes, dye removers and descaling agents may only be used in this machine if the manufacturer expressly states that they are suitable for use in a washing machine. There may be the danger of fire or explosion.

Always follow the instructions of the chemical manufacturer when using cleaning agents and special application chemicals. Only use such chemicals for the purpose and in the situation specified by the manufacturer in order to avoid the danger of adverse chemical reactions and material damage.
If in doubt check the suitability of the product for use in this machine with the manufacturer before using it.

Where a chemical cleaning agent is recommended on technical application grounds, this does not imply that the manufacturer of the machine takes responsibility for the effect of the chemical on the material of the items being cleaned or on the machine. Please be aware that changes in formulation, storage conditions etc., which may not be publicised by the chemical producer, can have a negative effect on the cleaning result.

On no account use high pressure cleaners or hose down the machine.

Use of accessories

Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, guarantee, performance and product liability claims may be invalidated.

Disposal of old machines or appliances

When disposing of an old washer extractor first make it unusable. Disconnect from all services, cut off the cable and the plug from the cable.
Make the door lock inoperative, so that children cannot accidentally shut themselves in.
Make appropriate arrangements for the safe disposal of the appliance.

All personnel working with this machine must be fully trained in all aspects of its use and safety.

Keep these instructions in a safe place

Caring for the environment

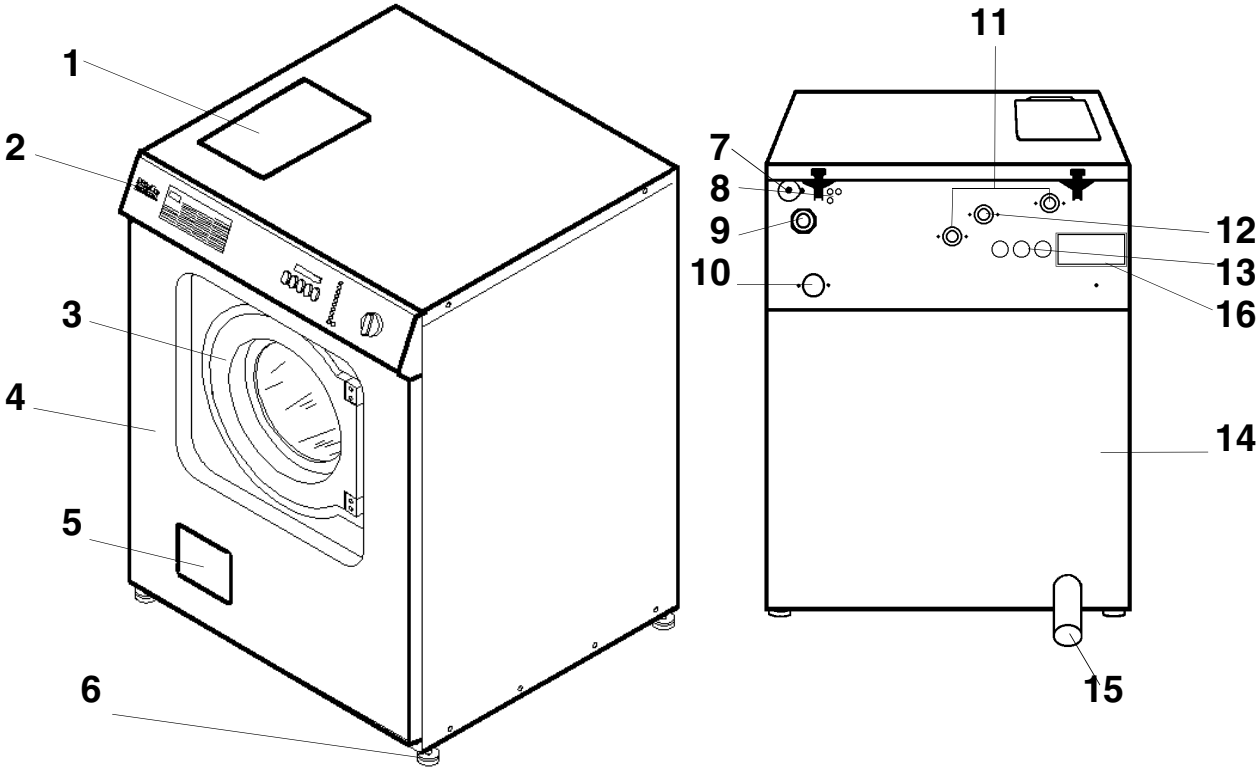
Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.
Rather than just throwing these materials away, please ensure they are offered for recycling.

Disposal of your old machine or appliance

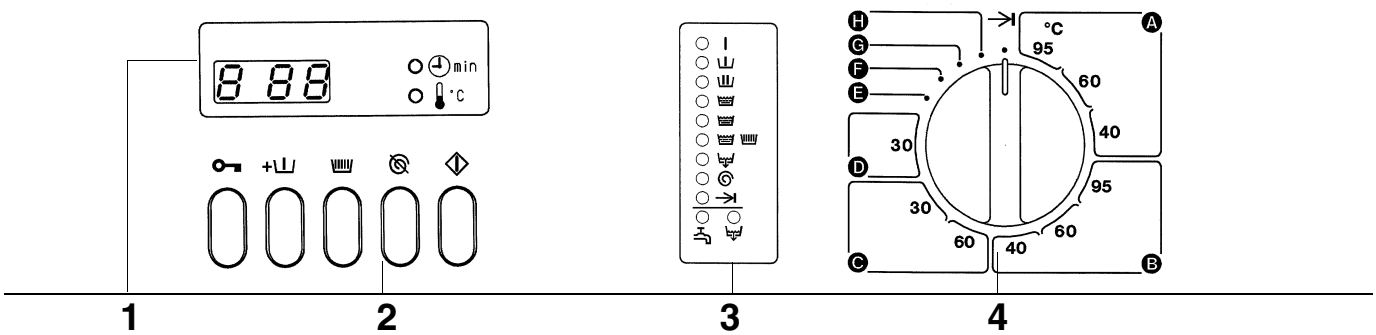
Old machines contain materials which can be reclaimed or recycled. Please contact your dealer, your local waste collection centre or scrap merchant about potential recycling schemes.
Ensure that the machine presents no danger to children while being stored for disposal.
See the appropriate section in the Warning and Safety instructions.

WS 5073 washer extractor, sluice machine



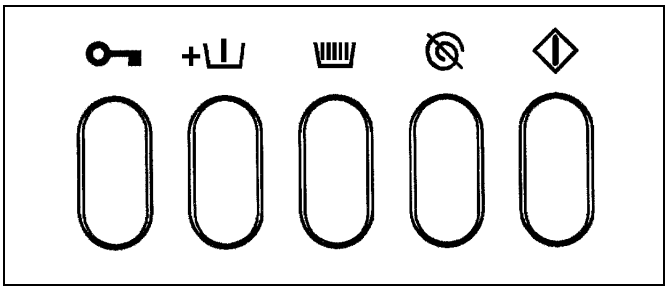
1 -Detergent dispenser box
2 -Control panel
3 -Drum door
4 -Front wall panel
5 -Flap for drainage system and emergency door release
6 -Four adjustable screw feet
7 -Cable entry for extra equipment
8 -Cable entry for Dispenser pumps
9 -Cable entry for power supply
10 -Venting socket
11 -Cold water connection
12 -Hot water connection
13 -Opening for dispenser hoses
14 -Back wall
15 -Drainage
16 -Air gap

Control panel

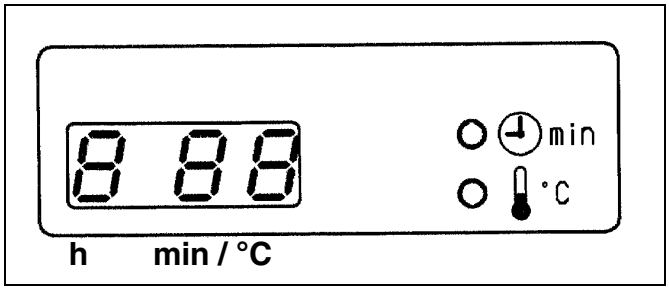


1 -Temperature and time left display
2 -Push button switches
3 -Programme sequence indicator lights
4 -Programme and Temperature selector

Push button switches



Additional display



Door

Opens the drum door, releases the "With pre-wash" or "Starch" or "No final spin" buttons, if any of these had been pushed in.

with Pre-wash

Can be selected with programmes
Ⓐ, Ⓑ, Ⓒ, Ⓔ

Starch

Can be selected with programmes
Ⓐ, Ⓑ, Ⓔ

No final spin

Can be selected with programmes
Ⓐ, Ⓑ, Ⓒ, Ⓓ, Ⓔ

Start

Starts the programme

Time display h(rs)/min(s)
(does not apply to programme Ⓕ)

This display shows how long the wash programme still has to run.
Indicator light **min** lights up.

or

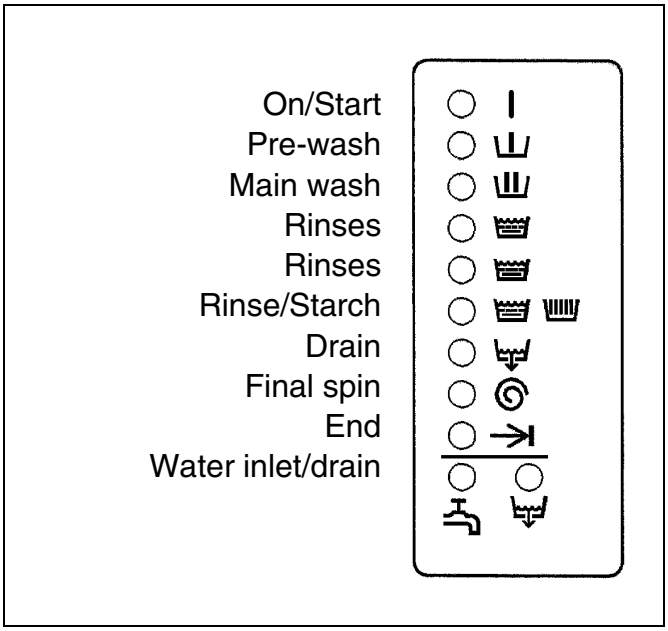
Temperature °C

From 20 °C the temperature is shown rising in 5 °C-Steps.
Indicator light **°C** lights up.

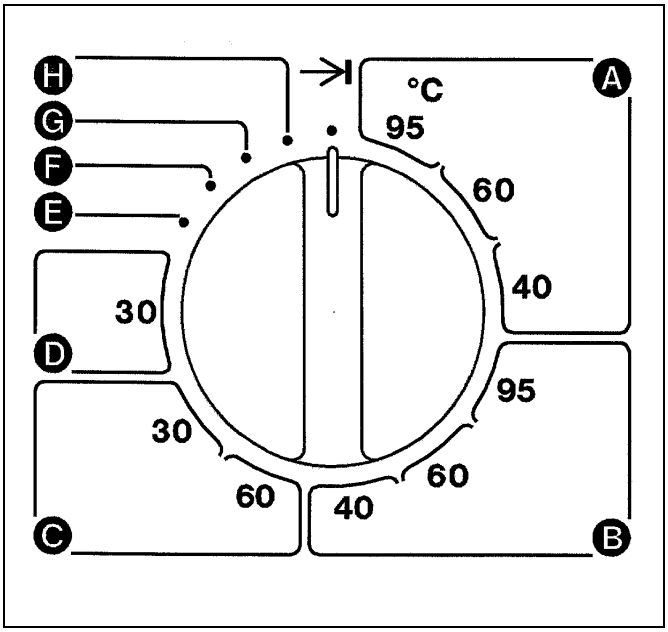
min Time left

°C Temperature

Programme sequence indicator lights



Programme and Temperature selector



Programmes

- Ⓐ Cottons
- Ⓑ Minimum iron
- Ⓒ Delicates/Synthetics
- Ⓓ Woollens
- Ⓔ Short programme
- Ⓕ Sluice
- Ⓖ Separate Spin
- Ⓗ Separate Drain

Ⓕ Sluice programme

Sluice programme for heavily soiled cotton and linen items.
Smaller loads, e.g. 5 kg Cottons are washed more efficiently.
Add detergent to Pre-wash I and Main wash II compartments.
Add fabric conditioner to ❀ compartment.

The "Sluice" programme begins, consisting of:

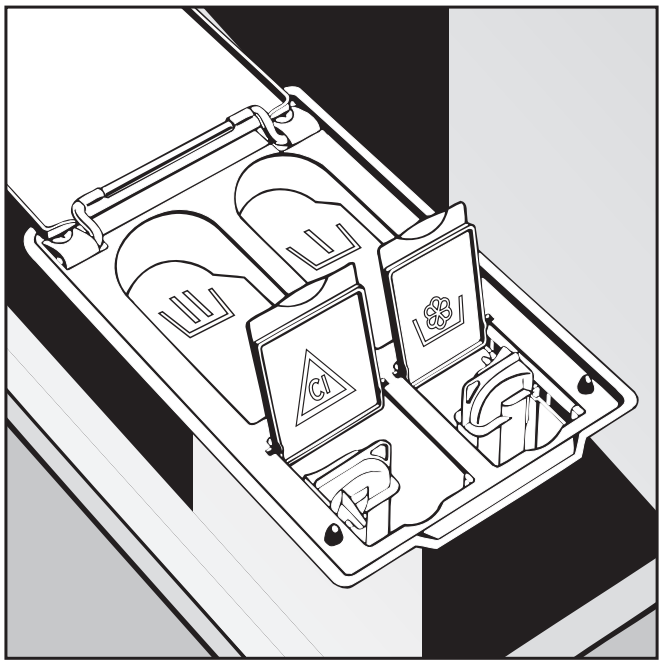
- Cold water sluice cycles (high water level, then drained)
- Pre-wash 65°C
- Main wash 75°C, held for 12 minutes
- Rinses
- Drain
- Spin

Once the programme commences the door cannot be opened until completion of the whole programme, in full compliance with DHSS requirements.

For the same reason the options for change available with other programmes during a cycle are excluded and the programme cannot be cancelled.

Maximum spin speed per programme

Ⓐ Cottons Ⓓ Wool Ⓔ Short programme Ⓖ Separate spin	1200 rpm.
Ⓑ Minimum iron	900 rpm.
Ⓕ Sluice	1200 rpm.
Ⓒ Delicates/Synthetics	600 rpm.



Detergent dispenser compartments

Compartment I - Pre-wash

Compartment II - Main wash

Compartment Cl - Liquid bleach

Compartment ❀ - Fabric conditioner

The first commissioning of the machine should be carried out only by a Miele service technician or an authorized Miele Service Dealer.

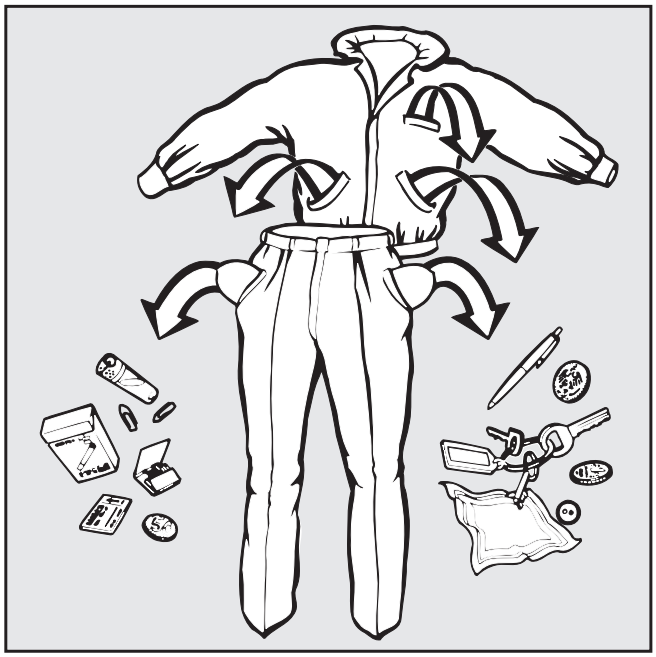
It is essential that the machine is installed and connected to power, water and drainage correctly.

Washing out the machine

Any residual lubricants and water from testing still in the machine should be flushed out as follows:

- Do not load any laundry in the machine.
- Add a little detergent to compartment II .
- Turn the programme selector switch to the "❹ Cottons 60°C" programme.
- Press the"◇ Start" button.

At the end of the programme turn the programme and temperature selector to the "→| End " position.



- Empty all pockets

Foreign objects, (eg nails, coins, paper clips etc) can cause damage to textiles and components in the machine.

Sort the laundry

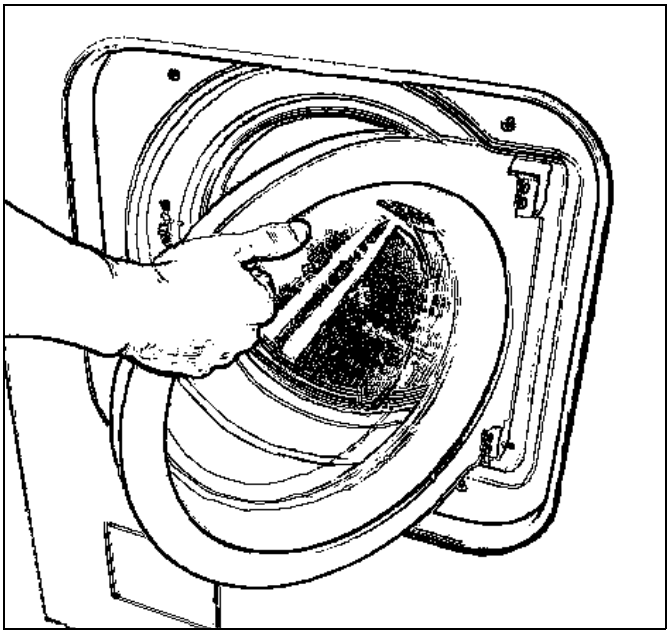
Most garments have a textile care label in the collar or side seam. Sort the laundry by care label symbols.
Only wash items in this machine which are stated by the manufacturer to be machine washable on the textile care label.
Dark textiles often contain excess dye, and should be washed separately several times before being included in a mixed load.
Delicate textiles should be washed separately in a delicates programme.
Woollens and textiles containing wool must only be washed in this machine if the care label states that they are machine washable.

Loading the drum

Unfold laundry and load loosely in the drum.
For best results make up mixed loads of large and small items. This improves the washing effect and distributes the load better for spinning.
Overloading reduces the wash result and causes more creasing.

Maximum load (weight of dry washing):

A Cottons	7.5 kg
B Minimum iron	3.0 kg
C Delicates/Synthetics	1.5 kg
D Woollens	1.5 kg
E Short programme	7.5 kg
F Sluice	7.5 kg

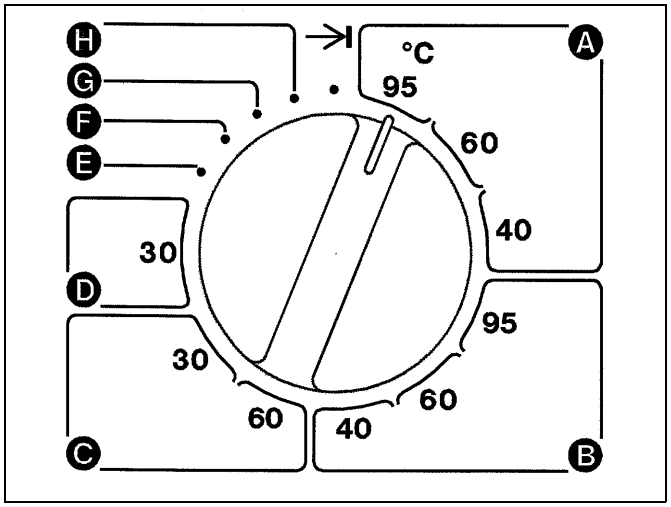


- Shut the drum door
  Grasp the door in the open position and slam it shut, (mind your fingers).
  At first the door may shut with difficulty. This eases in due course.

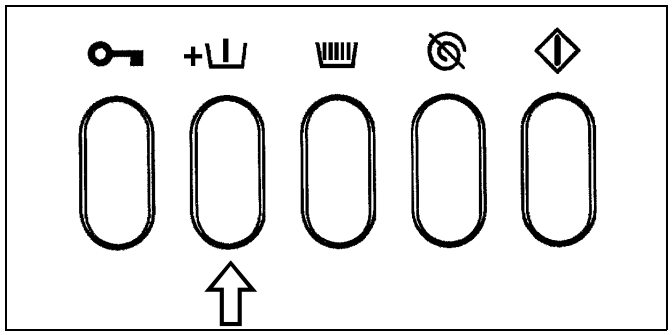
Make sure no items of washing are caught when the door is closed, or they could be damaged.

Programme selection

- Open the on-site stopcock.
- Switch on the on-site main switch.



- Select programme and temperature (e.g. programme A Cottons 95 °C).



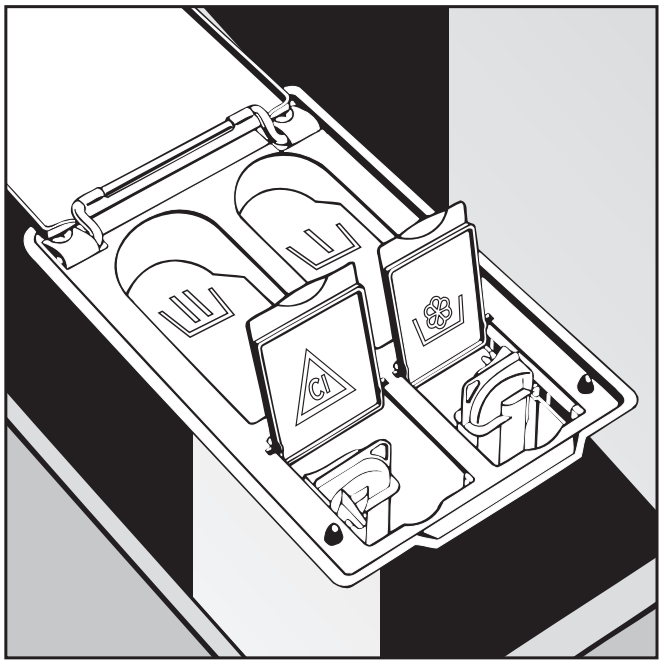
- Additionally select pre-wash if required but only with programmes A, B, C, E.
  Press the "+ with pre-wash" button.

Water hardness levels

Hardness range	Water quality	Hardness level in mmol/l	German hardness level °d
I	soft	0 – 1.3	0 - 7
II	medium	1.3 – 2.5	7 - 14
III	hard	2.5 – 3.8	14 - 21
IV	very hard	over 3.8	over 21

If you do not know the hardness level of the water in your area you should contact your local water authority for information.

Dispensing detergent



- Add detergent for the main wash to compartment - and if required detergent for the pre-wash to compartment , fabric conditioner to compartment and liquid bleach to compartment .

Dispensing detergent

Add the right amount of detergent as recommended on the packaging. It is important to avoid overdosing as it can lead to excessive foam. Use a low foaming detergent.

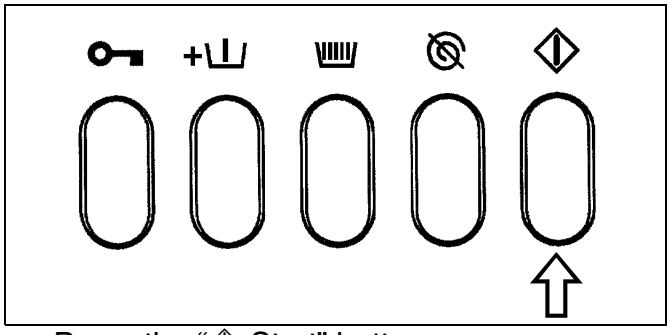
The amount dispensed will depend on the following:
- the quantity of laundry
- the water hardness level
- the level of soiling.

too little detergent results in the following:

- The laundry will not be properly clean and will in time become grey and hard to touch.
- Greasy particles cling to the laundry.
- Lime deposits on the heater elements.

too much detergent results in the following:

- Excessive foam.
- Low level of agitation.
- Poor washing, rinsing and spin results



- Press the "◇ Start" button.
  - The indicator light "🕘 **min**" goes out and the indicator light "🌡°C" lights up. -
  - The wash programme starts.

Temperature display

After the programme start the current suds temperature for the main wash is shown in 5°C-steps until the set temperature has been reached.
In programme ❻ the current suds temperature is shown in 5 °C steps for the whole duration of the programme.

The indicator light "🌡°C Temperature" lights up.

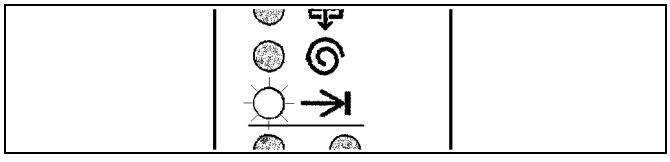
Time display (Time left)

Once the temperature set for the main wash has been reached the time left for the programme to run shows in the display in hours and minutes (does not apply to programme ❻).

The indicator "🕘 **min** time" lights up.

The time left counts down in 1 minute intervals.

Opening the drum door at the end of the programme.



After the "→| End " indicator lights up:

- At the end of the programme turn the programme and temperature selector to the "→| End " position.
- Press the "⊶Open door" button
  - the drum door opens.
- Take out the washing.

Only remove laundry from the machine once the drum has stopped turning, otherwise you may seriously injure yourself.

Make sure the drum is empty, otherwise, when the machine is next used items may become damaged (e.g. shrink) or cause other laundry to discolour.

If no more washing is to be done:

- leave the drum door open.
- switch the machine off at the on-site main switch.
- turn off the on-site stopcock(s).

Additional functions

By pressing one or more buttons programmes can be adapted to offer additional functions.

+ "with pre-wash"

For heavily soiled or stained textiles in programmes ❶,❷,❸,❺.

"Starching"

For freshly washed textiles such as table cloths, napkins, work wear etc., in programmes ❶,❷,❺.

"without final spin"

Washing which is not to be spun but taken dripping from the machine in programmes ❶,❷,❸,❹,❺.

Changing programme sequence

The programme can be changed at any time where it makes sense (does not apply to programme ❻).

- Turn the programme selector to the required programme. The new programme will carry on at the relevant stage.

Exceptions:

If the programme selector has been turned through "→| End".

Opting into or out of the following programmes:

- ❻ Separate spin or
- ❽ Separate drain

breaks off the programme. The "◇ Start" button must be pressed in again to start the required programme.

When working through a coin unit or coin counter the programme is locked after 3 minutes and no changes are possible.

Cancelling a programme

Turn the programme selector to "→| End".

The indicator lights flash through the other programme stages until the "→| End" light is reached.
To cancel programme ❻ the machine must be switshed off at the mains.

To omit a programme stage (does not apply to programme ❻)

- Turn the programme selector to "→| End".

As soon as the programme sequence light for the stage at which the programme should continue starts flashing:

Turn the selector switch to the appropriate programme within 3 seconds.

To repeat a programme stage (does not apply to programme ❻)

A programme stage must have been finished before it can be repeated:

- turn the programme selector switch to "→| End".

When"→| End" illuminates in the sequence display:

- Select the new programme required.
- Press the "◇ Start" button.
- After approx. 5 seconds, turn the programme selector switch to "→| End" again.

As soon as the indicator light of the programme stage to be repeated starts flashing:

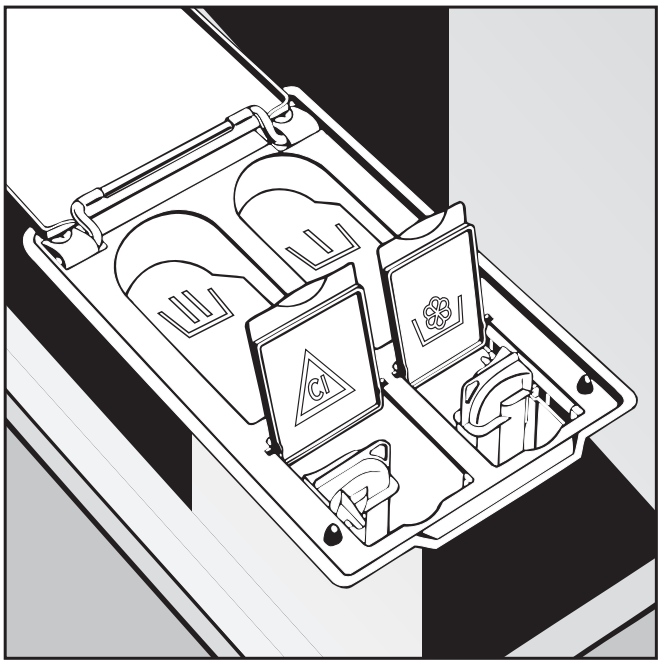
- turn the programme selector switch to the appropriate programme within a period of 3 seconds.

Programmable functions

It is possible to programme additional functions or change programme sequences. See Programme changes.

Any changes to the standard machine version must be noted on a card left with the machine as a record for any subsequent servicing work. This is of particular importance for the service technician, when electronic units may need to be exchanged.

Fabric conditioner / Starch



Bleaching agents

Only use bleaching agents on textiles with the symbol ⚠ on the wash care label.
Bleaching agents must only be added to the compartment marked ⚠ . The agent will then be dispensed automatically during the 2nd rinse (cold bleaching).
Liquid bleaching agents should only be used with coloureds if the textile manufacturer's wash care label states that the textile is colour fast and suitable for bleaching.

For cold bleaching the 4th rinse must be programmed, (see Programme changes).

Fabric conditioner

Dispense according to the manufacturer's recommendations:

- Open the lid of the compartment ❀.
- Add fabric conditioner, but do not exceed the max. level mark.
- Close the compartment lid.

The conditioner is automatically dispensed in the last rinse. At the end of the programme a small amount of water remains in the fabric conditioner compartment.

Powder and liquid starch

- Prepare and dispense the starch solution as stated on the packaging.

Automatic dispensing of liquid starch

- Pour the liquid starch into compartment ❀ (do not exceed the marker level).
- Close the compartment lid.

Adding liquid or powder starch by hand

- Select the programme required and also push in the "Starch" button.
  The programme, and the "time left" indicator will pause before the last rinse.
  The starch indicator light comes on.
- Add starch formulation to compartment I.
- Press the "Starch" button to release it for the programme to continue.

"⊗ No final spin" can be selected to keep creasing to a minimum. The water is drained away, and the load can be taken dripping wet from the drum.

Selecting a programme with a coin unit in use

- Open the on-site stopcock(s). Switch on the on-site mains switch,
- Select a programme and temperature.

“Starching” and “without final spin” are not available with coin operation.

- Add detergent and any fabric conditioner .
- Insert coins/tokens.
- Press the “◇ Start” button.

Coin unit C 5002, C 5003

Coins or tokens are “lost” if any of the following are done after the coins have been inserted but before the “◇ Start” button has been pressed:

– the machine door is opened,

– the programme selector has been turned past “→I End” to another programme.

– a programme is interrupted for more than 20 seconds with the coin time counter.

Note for the user:
Coins and tokens should be emptied on a regular basis to ensure the coin box does not get jammed full.

To change individual programmes by re-programming

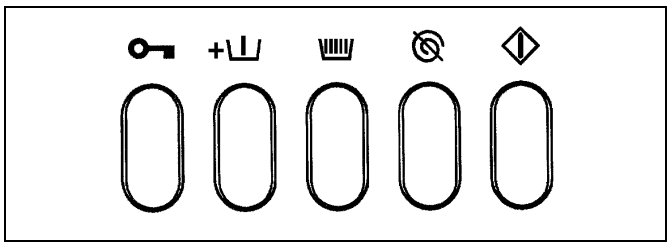
Programmes can be changed individually to accommodate different wash processes and methods.
20 Programmable functions can be changed with up to 4 Options.

Before starting:

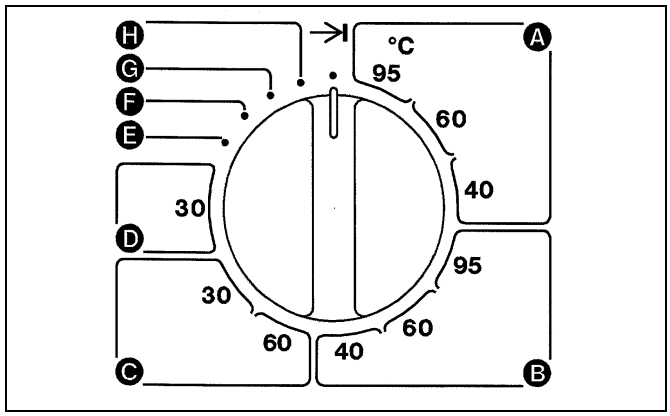
The on-site mains switch must be switched on.

A previous programme must be completed.

The drum door must be open.

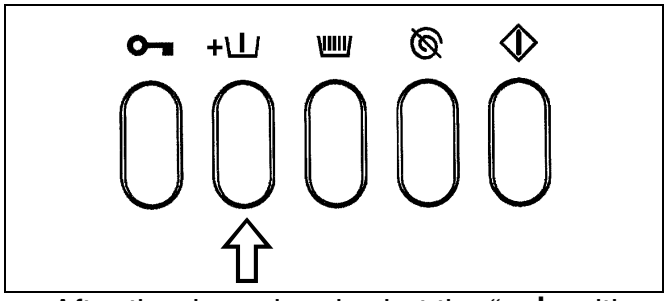


All the other buttons must be inoperative, i.e. not pushed in.

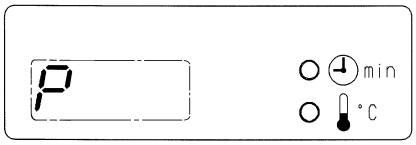


The programme selector must be at the "→I End" position.

To access programming mode



- After the drum door is shut the "**+** with pre-wash" button must be pressed in and released **twice** within 4 seconds.



- A "***P***" (for Programming) appears in the display.
- The programme sequence indicators "Pre-wash" and "Main wash" flash.

- Re-programming can be carried out (see example).

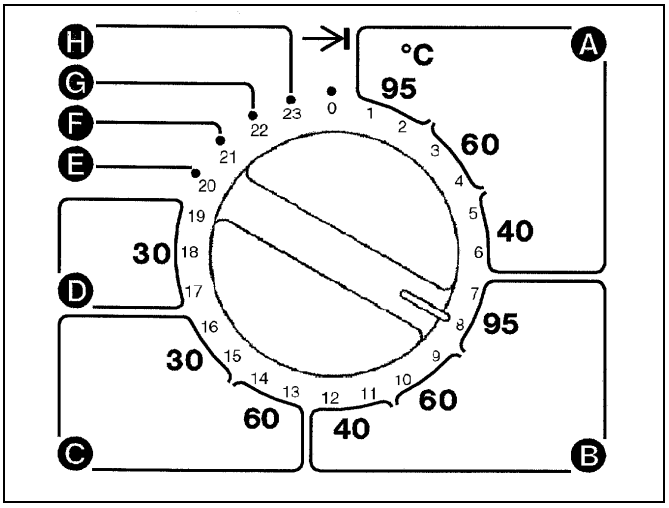
Programme changes

Example:

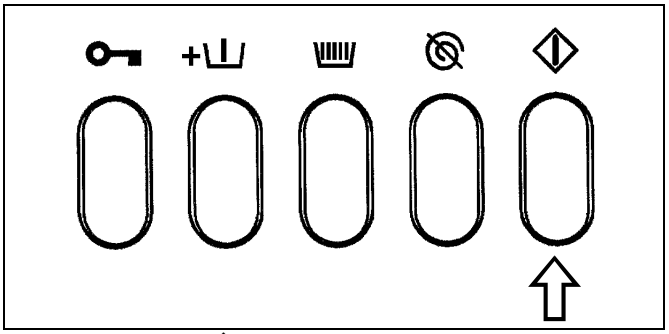
<u>Changing the temperature holding time in the main wash</u>
from 10 minutes to 5 or 15 or 20 minutes.

15 minutes is required.

Option 3 corresponds to 15 mins.; see Programme Change Chart No.8 / ❽
Temperature holding time in minutes.



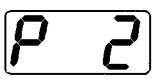
■ Turn the programme selector to 8 ❽. “ ***P8*** ” flashes in the additional display.



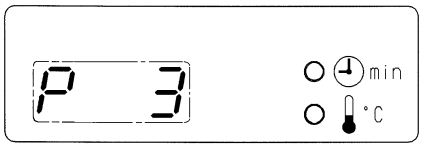
■ Press the “◇ Start” button 3 times.

The following appear one after another in the additional display

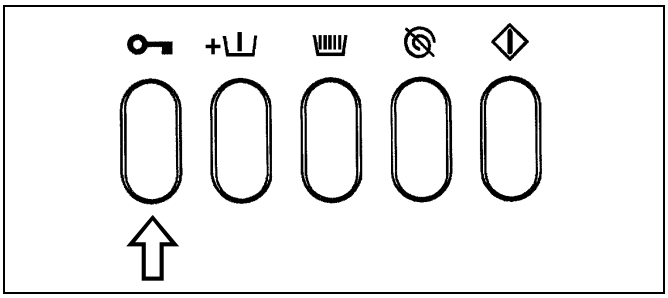
P 1 (10 minutes),



P 2 (5 minutes),



P 3 (15 minutes).



■ Press the “o- open door" button.

- Pressing the “o- open door" button saves the change in memory and completes the programming process.

■ Please enter this programming change in the table on the following page.

■ Turn the programme selector to the “→I End” position.

See the next page for further possible programming changes.

Programme changes

No.	Programme selector setting	Programme function	Options 1 Standard	2	3	4	Enter programmed options
		Additional pre-wash					
1	Ⓐ 95	Wash time Ⓐ,Ⓑ (mins)	no pre-w.	5	9		
2	Ⓐ	Water level Ⓐ,Ⓑ	low	high			
		Pre-wash					
3	Ⓐ 60	Select pre-wash Ⓐ,Ⓑ,Ⓒ,Ⓔ	via button	gen/lly yes			
4	Ⓐ	Wash times Ⓐ,Ⓑ (mins)	8	11	16	6	
5	Ⓐ 40	Temperature Ⓐ,Ⓑ,Ⓒ,Ⓔ (°C)	35	45	60	24	
6	Ⓐ	Water level Ⓐ,Ⓑ,Ⓔ,Ⓕ	low	high			
		Main wash					
7	Ⓑ 95	Thermostop &. Heating active	yes	no			
8	Ⓑ	Temp. holding time Ⓐ,Ⓑ,Ⓒ (mins)	10	5	15	20[2]	
9	Ⓑ 60	Water level Ⓐ,Ⓑ	low	high			
10	Ⓑ	Suds cooling Ⓐ,Ⓕ (secs)	25	20	30		
11	Ⓑ 40	Temp. in Wool prog. Ⓓ (°C)	30	25			
		Rinses					
12	Ⓑ	Increase water level Ⓐ,Ⓑ,Ⓓ	no[1]	slightly[1]	average[1]	high	
13	Ⓒ 60	No. of rinse cycles Ⓐ,Ⓑ,Ⓒ,Ⓕ	3	4[3]	5[3]	2	
14	Ⓒ	Rinse hold	no	yes			
		Final spin					
15	Ⓒ 30	Pre-spin	no	yes*			
		Special functions	**May only be changed by service technician.**				
16	Ⓒ	Switching over	Sep.rinse	Hygiene	Sluice*		
17	Ⓓ	Water inlet	KW+WW	KW	KW-hard KW-soft	KW+Hotter-water	
18	Ⓓ 30	Max. Temperature in HW Ⓐ,Ⓑ,Ⓓ (°C)	90	85	80		
19	Ⓓ	Separate spin free	yes	no			
20	Ⓔ 40	3 external disp. pumps	comb. 1	comb. 2	comb. 3	comb. 4	

[1] Load dependent if no. 2,6,9 has a standard setting
[2] chemothermal Disinfection Temp.= 60°C
[3] with bleach select 4 or 5 rinses.
* standard setting

KW = Cold-Water
WW = Hot water
HW = Main wash

Cleaning the washing machine

Clean the casing with a mild non-abrasive detergent or soap and water. Wipe dry with a soft cloth.
Clean the facia panel with a damp cloth and dry with a soft cloth.
The drum and any other stainless steel parts can be cleaned using a proprietary stainless steel cleaner according to the manufacturer's instructions.

Do not use any scouring agent or solvent cleaner.

To ensure the correct functioning of the air gap, any significant detergent residues must be removed from the canal.

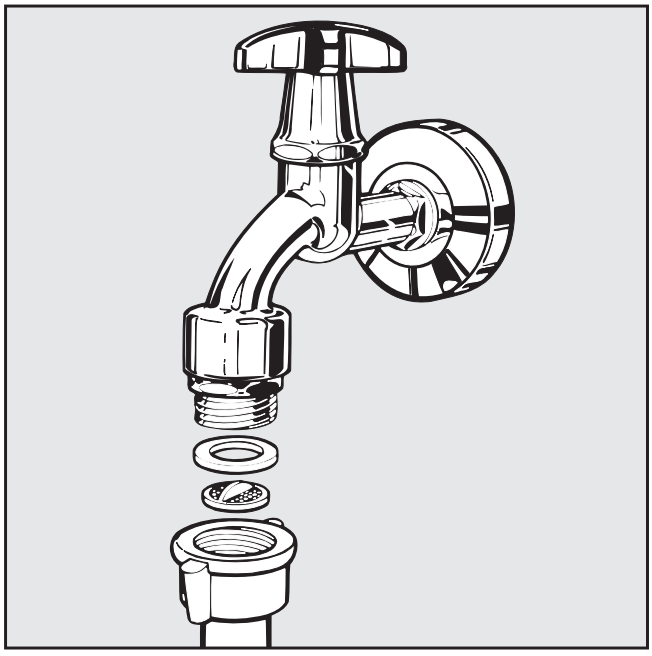
Cleaning the filters in the water inlet

The washing machine has the following filters to protect the inlet valves:

- in the free end of any water inlet hose,
- in the water inlet valve(s) for connection hose to machine.

To clean the filter in the inlet hose:

- Close the stopcock.



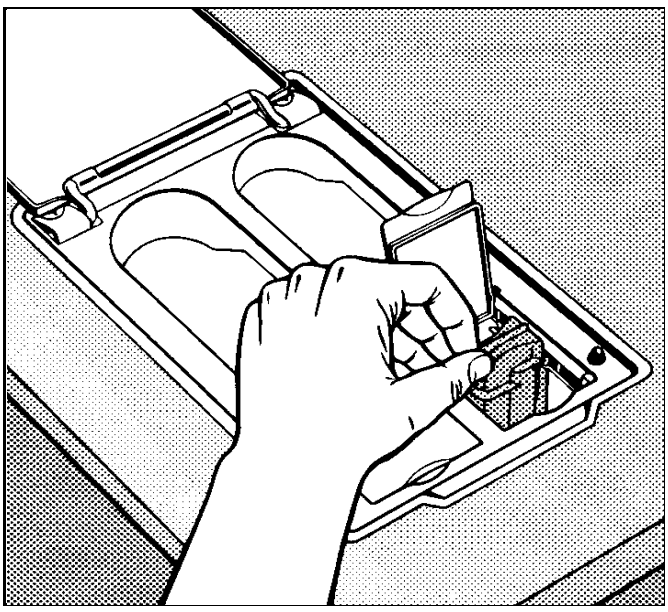
- Carefully unscrew the knurled coupling connecting the inlet hose to the stopcock.
- Remove the rubber seal from the recess.
- Using pointed pliers, take hold of the plastic filter bar, remove the filter and clean.
- Put the filter and seal back in the reverse order.

The filters in the inlet hose should be checked and cleaned approx. every 6 months.

Inspect the inlet hose which is subjected to high pressure while the machine is in operation. The hose should be replaced if there are small cracks in the surface, or if it has been otherwise damaged.

If replacing the inlet hose only use a hose able to withstand pressure up to 70 bar. Miele's own hoses meet this requirement.

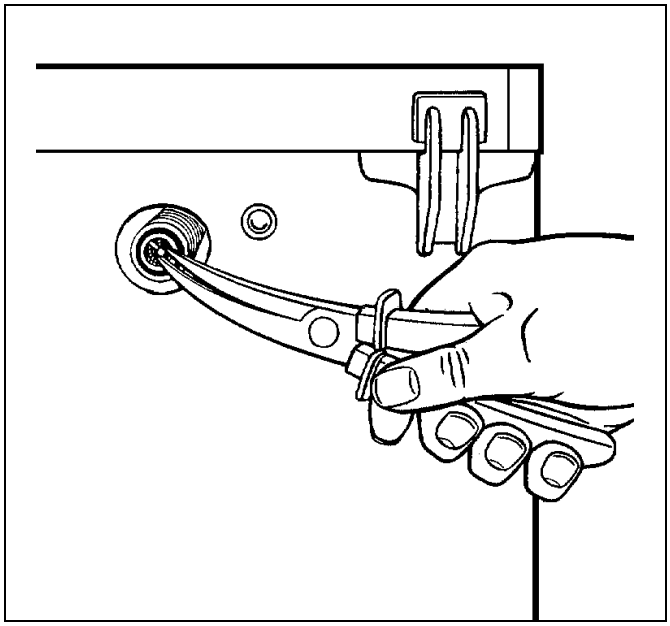
- After use the detergent box should be cleaned with warm water to remove any detergent residues.
- The siphon tubes in compartments ❀ and ◬ should also be cleaned.



- Unscrew the screws next to the siphon tubes. Pull the siphon tubes upwards to remove for cleaning in warm water. Replace in the reverse order (the siphon tubes must be hooked in correctly).

To clean the filter in the water inlet valve:

- Using pliers, carefully loosen the ribbed plastic nut on the inlet valve, and unscrew.



- Use water pump pliers to withdraw the plastic filter by the bar (see illustration).
- Clean and put back in the reverse order.

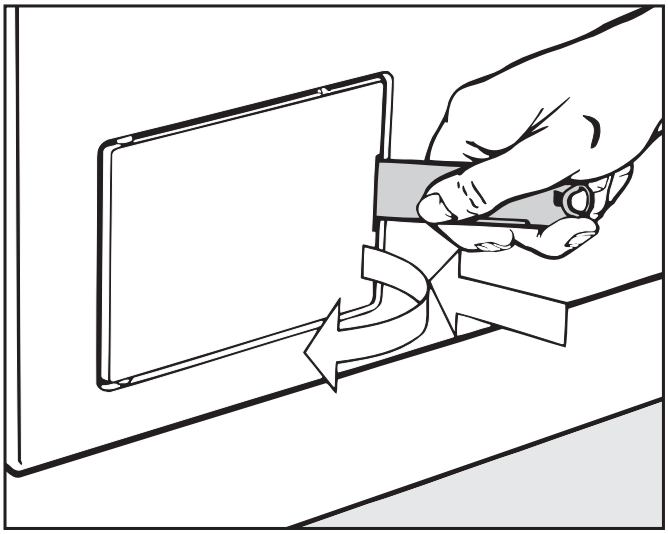
The machine must not be used without the two dirt filters being put back in place

Any work on the electrical components of this machine should only be carried out by a suitably qualified and competent person. Unauthorized repairs could be dangerous.

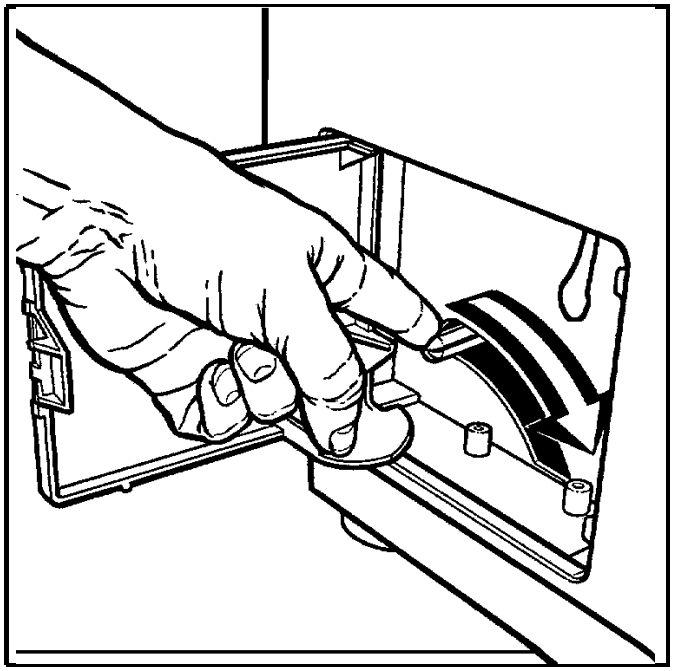
There are, however, minor faults which can be corrected without contacting the Service Department.

Opening the drum door in the event of a power failure

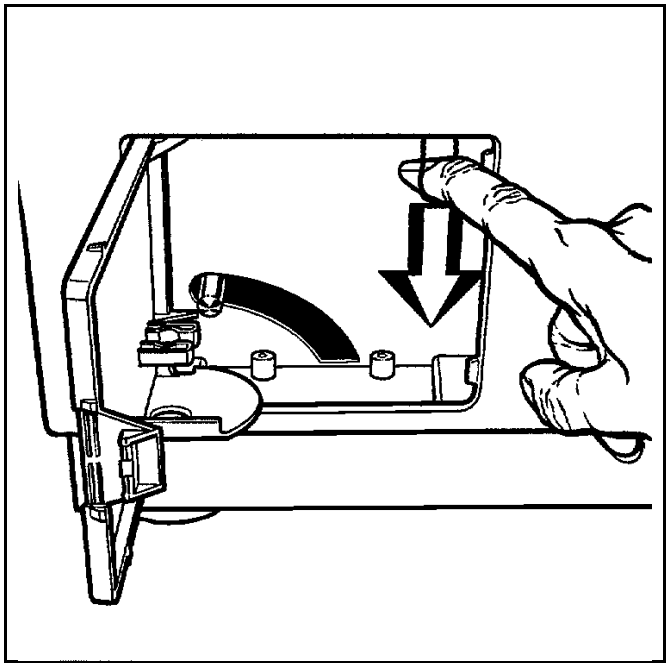
- Turn the programme selector to "→I End".



- Open the drain valve access flap.



- Press the emergency release lever downwards, (see illustration) and hold down until no more water drains out.



- Press against the drum door and pull on the emergency door opening mechanism (see illustration).

Always make sure the drum is stationary before reaching in to remove washing. Reaching into a moving drum is extremely dangerous.

A selected programme does not begin. The "I On/ Start" indicator light does not light up.

Check that the door is properly closed, the mains plug is plugged in and that the fuse or circuit breaker has not tripped.

The check light " 🚰 " flashes, although the programme has finished as usual.

The water inlet system is partially blocked:

- Stopcocks not fully opened.
- Inlet hose kinked or trapped.
- The water pressure is too low.
- The filters in the inlet hoses are clogged (see "Cleaning and Care").

The indicator light goes out when the programme selector switch is turned to the "→| End" position.

The check light " 🚰 " flashes, the "→| End", indicator light is on, but the laundry in the machine has not been washed.

The water inlet system is turned off.

- Turn the programme selector switch to "→| End".
- Turn on the water supply at the stopcocks.
- Select a programme.
- Press the "◇ Start" button.

If little or no water is taken in during the next programme, the water pressure may be too low.
If it is adequate there may be a technical fault. In this case, call your local service dealer or the Miele Service Department.

The indicator light "" is flashing.

Check whether the drainage system is clogged.

The Pre-wash indicator light "I" is flashing in the sequence display.

Start the programme again. If the indicator still flashes call the Service Department.

The Main wash indicator light "II" flashes during, or after the end of a programme.

If it also flashes on the next programme there is a technical fault.
Call the Service Department.

Despite adequate water supply pressure, the machine takes a long time to fill.

The filters in the water inlet might be blocked. Clean as described under the section "Cleaning and Care".

Large amounts of unused detergent remain in the dispenser.

Water supply pressure is too low.

- Clean filters (as described in the section "Cleaning and Care").
- Check if the water flow through the stopcock is 5 litres in 15 seconds.

Washing powder becomes viscous when used together with a water softener.

- In future pour washing powder into the detergent dispenser before adding water softener.

Fabric conditioner or bleaching agent is not completely dispensed or water remains in the dispensing compartment.

The siphon tube is either incorrectly positioned or clogged.

- Lift the lid and remove the siphon.
- Rinse out the dispenser compartment and the siphon with warm water.

Possible reasons for increased levels of foaming:

– **detergent type**

- Only use detergent formulated for use in commercial washer extractors. Domestic laundry detergent is not suitable.

– **overdosing of detergent**

- Dispense detergent following the detergent manufacturer's instructions on the packaging and in accordance with local water hardness levels.

– **detergent creates too much foam**

- Use a lower foaming detergent or contact your detergent application specialist.

– **very soft water**

- In areas with hardness level 1 dispense less detergent in accordance with the detergent manufacturer's instructions.

– **soiling level of the laundry**

- For lightly soiled laundry dispense less detergent in accordance with the detergent manufacturer's instructions.

– **residues, e.g. detergent are left on laundry**

- Run an additional pre-wash without detergent and without selecting a temperature. Laundry which has been soaked before washing must be thoroughly rinsed before running a wash programme.

– **small loads**

- Reduce the amount of detergent dispensed according to the size of the load.

Laundry is either not spun at all or not spun satisfactorily.

- The "⊗ No final spin" button was pushed in.
- The machine was not able to distribute the laundry load evenly. To protect the machine, laundry was either only spun at a reduced speed or not at all.
- Large items which tangle or roll up in the drum (e.g. bath mats) can cause an imbalance during the spin cycle.
  For safety reasons, the machine does not spin if this is the case. Attempts to build up spin speed are repeated, however, until the time allocated to spinning has expired.

It is therefore important to make up mixed loads consisting of large and small items.

- The drain system may be clogged.

The " ≋ " indicator light flashes.

The machine has switched off because of serious imbalance.

- Switch the on-site mains switch off and then on again or
  open the drum door with the emergency release as described in "Opening the door in a power cut".

The machine shakes during the spin cycle.

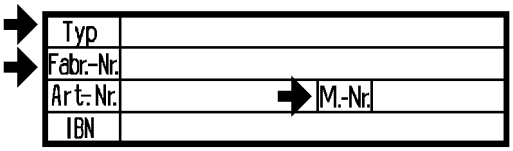
The most likely cause is that the four machine feet are not resting securely on the floor.

- Level the machine as described in "Notes for the installer".

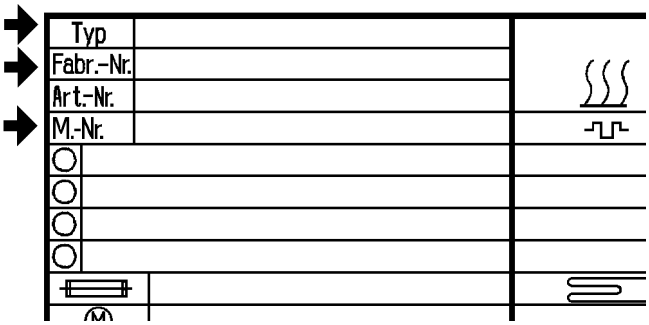
After sales service

Should a fault occur please contact your nearest authorized Service Dept.

When contacting the Service Department, please quote the model type, (Typ), the machine number, (Fabr.-Nr.) und Part-no. (M.-Nr.). These can be found on the data plate:



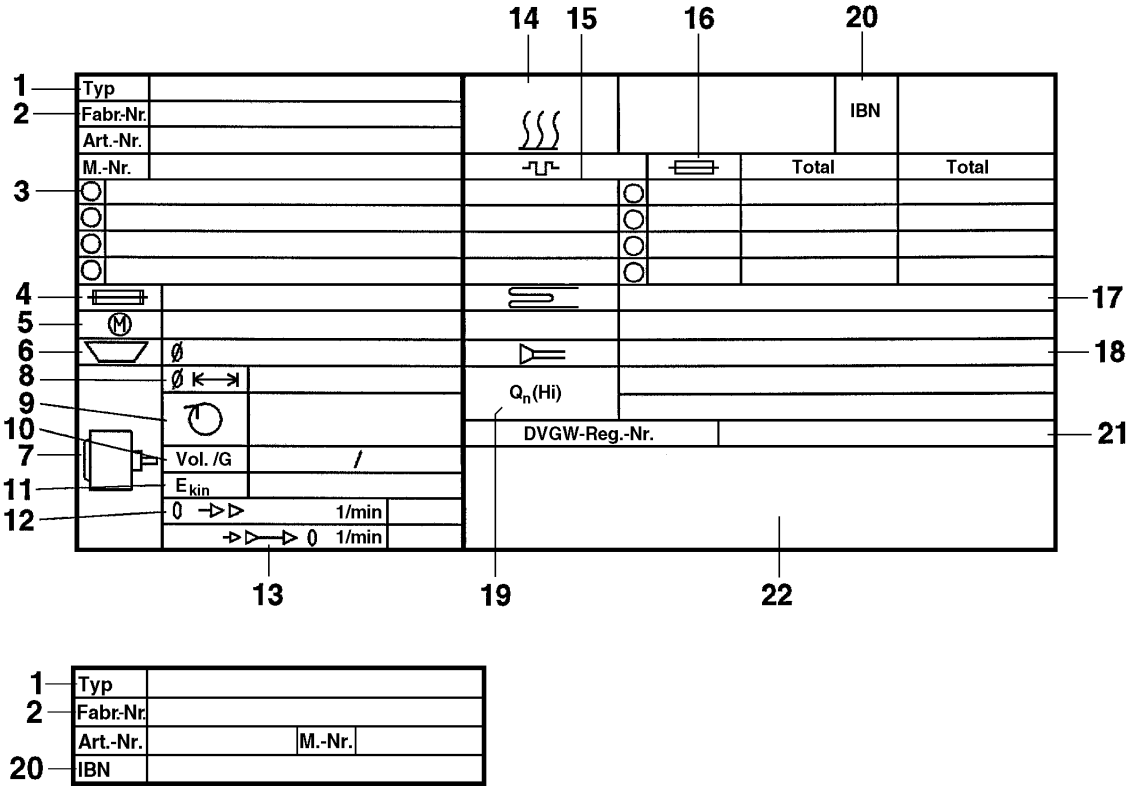
With the door open at the top of the door ring, or:



at the rear of the machine towards the top.

Only use genuine spare parts. When ordering spare parts the Spare Parts Dept will also need to know the model type (Typ), machine number (Fabr.-Nr.) und Part-no. (M.-Nr.).

Explanation of symbols on the data plate



1 Machine type
2 Machine number/year of manufacture*
3 Voltage/Frequency
4 Control fusing
5 Drive motor
6 Plate diameter*/Plate quantity*
7 Drum data
8 Drum diameter/drum depth
9 Spin speed
10 Drum volume/Laundry dry weight
11 Kinetic energy
12 Ex. time to top speed
13 Braking time
14 Heating
15 Electric heating
16 Fusing (on site)
17 Steam heating indirect*
18 Steam heating direct*
19 Gas heating*
20 Commissioning date
21 Water registration DVGW-test cert (Water)*
22 Field for CE test symbol....(Product-ID-No./ Gas)*

*)not applicable to WS 5073

Noise emission

During wash	During spin
58.5 dB	74.3 dB

(measured in Germany in accordance with DIN (IEC) 45 635, machine noise regulations 3. GSGV p1. 1.a)

Installation

A concrete floor is the most suitable installation surface.
Please note:

- The machine must be level and securely positioned.
- Do not install the machine on a 'soft' base such as floorboards as this could result in more vibration during the spin cycles.
- If the machine is installed on a raised plinth it should be secured using the butt straps supplied with the machine.

If there is not already a concrete plinth on-site, the Miele Spare Parts department offer a steel plinth. It must be ensured that the steel plinth is secured to the floor, (see the enclosed installation plan).

To avoid the possibility of frost damage on no account install the machine in a room which is exposed to frost.

Do not install the machine on carpeted flooring if the carpet pile blocks the ventilation gap at the base of the machine.

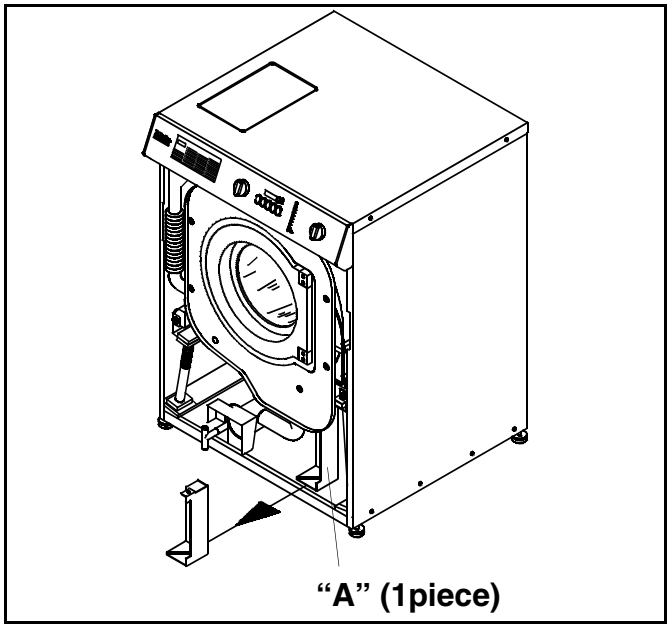
Transit fittings

When the machine has been installed in its final position, only then remove the red transit fittings marked "A", "B". and "C".

The machine must not be moved without the transit fittings in place.

The transit fittings should be stored in a safe place for future use. They must be re-fitted if the machine is moved again.

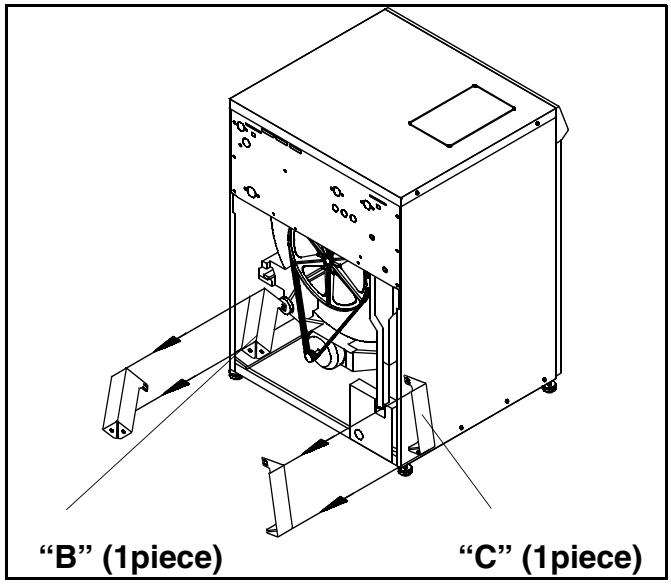
Front transit fitting



"A" (1piece)

The front panel must be taken off, (2 internal torx T20 screws at the bottom) to remove the front transit fitting (3 SW-13 screws) .

Rear transit fitting



"B" (1piece) **"C" (1piece)**

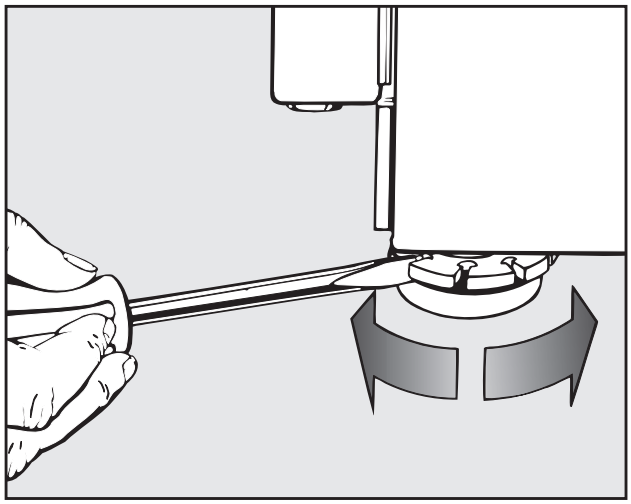
The rear panel must be taken off, (just loosen 15 internal torx T20 screws at the bottom) to remove the rear transit fitting (3 SW13 screws each) .

The machine must not be moved without all the outer panels in place.

Levelling

The machine must stand level to ensure smooth operation.

The adjustable feet can compensate for an uneven base.



- Screw the foot or feet out until the machine stands level.
- Hold the foot tight using a pipe wrench.
- Tighten the counternut using a screwdriver as indicated.

Connection to water supply

Connection must be made to the water supply via a stopcock which conforms with local and national regulations. This work must be carried out by a suitably qualified and competent person.

To ensure the machine is correctly connected please observe the installation plan and the installation instructions supplied with the machine.

See the installation diagram supplied for instructions on connection to the water supply and for drainage.

The inlet pressure hoses supplied with the machine must be used for connection to the water supply.

To ensure the hot water inlet hose (marked 90°C) lasts for many years it is advised not to use it on a hot water connection supplying water hotter than 70°C.
If replacing an inlet hose only use a hose able to withstand a burst pressure of at least 70 bar and a temperature of 90°C. This also applies to all connection parts.
Miele “Original” spare parts meet this requirement.

A water pressure flow rate of at least 1 bar, maximum 10 bar is essential to ensure the smooth operation of this machine.

Water taken into the machine must not exceed a temperature of 70°C.

Connection to cold water only
-See the Installation Plan provided.

Water connection Australia

To prevent back-syphonage, the water connection must be via an approved Dual-Check-Valve.

Drainage

The machine empties through a motor controlled drain valve. A DN 50 angle connector can be used to make connection to an on-site drainage system, (sink box with odour trap).

Coin mechanism unit

The washer-extractor can be fitted with a coin unit.

It can also be connected to an existing coin unit. The correct connection cable is required for this. For the C 4030/31 and C 4050/51 using timed operation an AD 3 adapter is required.

The machine has to be reprogrammed for this connection. This must only be done by a Miele authorized service engineer.

The coin unit and connection cable are available at extra cost from the Miele Spare Parts Department, or from Miele specialist dealers.

Electrical connection

All electrical work must be carried out by a suitably competent person in compliance with national and local regulations.

Please take note of the Installation diagram and the Wiring diagram. They are important for electrical connection.

The electrical safety of this machine (WS 5073, 5100, 5140, 5101, 5141) is in accordance with IEC 335.

The minimum suds level required for activating the heating is given in mm column of water: WS 5073 45 mm column of water

The voltage and frequency are given on the data plate. The machine must only be connected if these match the mains supply.

Variants: 3N AC 380-415 V 50 Hz
1 AC 220-240 V 50 Hz

The motor is fitted with an overload protection switch.

For extra safety it is advisable to install a residual current device with a trip current of 100 mA.

Nominal rated load and fuse rating are given on the data plate. Ensure that these are compatible with the electricity supply.

WARNING

THIS APPLIANCE MUST BE EARTHED

Connection should be made via a suitable isolator which complies with national and local regulations, and the on/off switch should be easily accessible for servicing work.

When installation and connection have been completed all removable outer panels must be re-fitted before the machine is operated.

Miele

PROFESSIONAL

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09.02

This paper consists of cellulose which has been bleached without the use of chlorine.